

What is Claimed is:

1. A computer case for a personal computer, comprising:

5 a case body defining a storage compartment and having a top platform wherein said top platform has a ceiling window for communicating said storage compartment with outside; and

a ceiling ventilation arrangement, comprising:

10 a supporting frame comprising a base, having a fan cavity, mounted on said top platform at a position that said fan cavity is communicated with said storage compartment through said ceiling window, and a protective cover pivotally connected with said base to enclose said fan cavity; and

15 a ventilation fan unit, which is adapted for electrically connecting to a power source, coupled with said protective cover, wherein said ventilation fan unit is driven by said protective cover to move between an operated position and a storage position, wherein at said operated position, said protective cover pivotally folds upward to drive said ventilation fan unit to inclinedly supported within said fan cavity for providing a sucking force to suck hot air within said storage compartment, and at said storage position, said protective cover pivotally folds downward to enclose said fan cavity so as to protect said ventilation fan unit within said fan cavity.

20 2. The computer case, as recited in claim 1, wherein said ventilation fan unit comprises a fan housing having an upper portion pivotally connected to said protective cover and a ventilating fan received in said fan housing for electrically connecting with said power source, in such a manner that when said protective cover is folded upwardly, said upper portion of said fan housing is lifted upwardly from said fan cavity to inclinedly support said ventilating fan in position.

25 3. The computer case, as recited in claim 2, wherein said supporting frame further comprises a guiding unit for guiding said ventilation fan unit to move between said storage position and said operated position, wherein said guiding unit has two sliding tracks provided along two sidewalls of said fan cavity respectively and comprises two

slider pegs sidewardly extended from two sidewalls of said fan housing at a lower portion thereof respectively, wherein said fan housing is disposed within said fan cavity while said two slider pegs are slidably inserted into said two sliding tracks respectively in such a manner that when said upper portion of said fan housing is lifted upwardly by said
5 protective cover, said slider pegs are slid along said sliding tracks respectively to retain said lower portion of said fan housing within said fan cavity so as to inclinedly support said ventilating fan in position.

4. The computer case, as recited in claim 3, wherein each of said sliding tracks, having a predetermined length, is indented on said respective sidewall of said fan
10 cavity, wherein each of said sliding tracks has a stopper end arranged in such a manner that when said protective cover is upwardly folded to lift up said fan housing, said slider pegs are stopped at said stopper ends of said sliding tracks respectively to block a sliding movement of said fan housing so as to inclinedly support said ventilating fan in position.

5. The computer case, as recited in claim 1, wherein said supporting frame
15 further comprises a plurality of engaging arms downwardly extended from said base towards said storage compartment to substantially mount on said top platform, wherein each of said engaging arms has a hooking end extended downwardly to a position within said storage compartment to engage with a peripheral edge of said ceiling window so as to substantially hold said base on said top platform in position.

20 6. The computer case, as recited in claim 2, wherein said supporting frame further comprises a plurality of engaging arms downwardly extended from said base towards said storage compartment to substantially mount on said top platform, wherein each of said engaging arms has a hooking end extended downwardly to a position within
25 said storage compartment to engage with a peripheral edge of said ceiling window so as to substantially hold said base on said top platform in position.

7. The computer case, as recited in claim 4, wherein said supporting frame
further comprises a plurality of engaging arms downwardly extended from said base towards said storage compartment to substantially mount on said top platform, wherein
30 each of said engaging arms has a hooking end extended downwardly to a position within said storage compartment to engage with a peripheral edge of said ceiling window so as to substantially hold said base on said top platform in position.

8. The computer case, as recited in claim 1, wherein said ceiling ventilation arrangement further comprises a handle frame pivotally connected to said supporting frame, wherein said handle frame, having a U-shaped, has two ends rotatably connected to two outer sides of said base respectively in such a manner that said handle frame is capable of folding upwardly to form as a hand bar and folding downwardly to rest on said top platform.

9. The computer case, as recited in claim 4, wherein said ceiling ventilation arrangement further comprises a handle frame pivotally connected to said supporting frame, wherein said handle frame, having a U-shaped, has two ends rotatably connected to two outer sides of said base respectively in such a manner that said handle frame is capable of folding upwardly to form as a hand bar and folding downwardly to rest on said top platform.

10. The computer case, as recited in claim 7, wherein said ceiling ventilation arrangement further comprises a handle frame pivotally connected to said supporting frame, wherein said handle frame, having a U-shaped, has two ends rotatably connected to two outer sides of said base respectively in such a manner that said handle frame is capable of folding upwardly to form as a hand bar and folding downwardly to rest on said top platform.

11. The computer case, as recited in claim 1, wherein said ceiling ventilation arrangement further comprises a supplementary connection link mounted on said top platform at a position in front of said supporting frame, wherein said supplementary connection link comprises at least a computer outlet adapted for communicatively connecting with a connection output of said personal computer.

12. The computer case, as recited in claim 7, wherein said ceiling ventilation arrangement further comprises a supplementary connection link mounted on said top platform at a position in front of said supporting frame, wherein said supplementary connection link comprises at least a computer outlet adapted for communicatively connecting with a connection output of said personal computer.

13. The computer case, as recited in claim 10, wherein said ceiling ventilation arrangement further comprises a supplementary connection link mounted on said top platform at a position in front of said supporting frame, wherein said supplementary

connection link comprises at least a computer outlet adapted for communicatively connecting with a connection output of said personal computer.

14. The computer case, as recited in claim 13, wherein said handle frame forms a boundary cavity when said handle frame is downwardly folded to rest on said top platform, wherein said supplementary connection link is mounted on said top platform at a position within said boundary cavity such that said supplementary connection link is encircled within said handle frame.

15. A ceiling ventilation arrangement for a computer case of a personal computer which comprises a case body defining a storage compartment and a ceiling window forming on a top platform for communicating said storage compartment with outside, wherein said ceiling ventilation arrangement comprises:

a supporting frame comprising a base, having a fan cavity, adapted for mounting on said top platform at a position that said fan cavity is communicated with said storage compartment through said ceiling window, and a protective cover pivotally connected with said base to enclose said fan cavity; and

a ventilation fan unit, which is adapted for electrically connecting to a power source, coupled with said protective cover, wherein said ventilation fan unit is driven by said protective cover to move between an operated position and a storage position, wherein at said operated position, said protective cover pivotally folds upward to drive said ventilation fan unit to inclinedly supported within said fan cavity for providing a sucking force to suck hot air within said storage compartment, and at said storage position, said protective cover pivotally folds downward to enclose said fan cavity so as to protect said ventilation fan unit within said fan cavity.

16. The ceiling ventilation arrangement, as recited in claim 15, wherein said ventilation fan unit comprises a fan housing having an upper portion pivotally connected to said protective cover and a ventilating fan received in said fan housing for electrically connecting with said power source, in such a manner that when said protective cover is folded upwardly, said upper portion of said fan housing is lifted upwardly from said fan cavity to inclinedly support said ventilating fan in position.

17. The ceiling ventilation arrangement, as recited in claim 16, wherein said supporting frame further comprises a guiding unit for guiding said ventilation fan unit to move between said storage position and said operated position, wherein said guiding unit has two sliding tracks provided along two sidewalls of said fan cavity respectively and comprises two slider pegs sidewardly extended from two sidewalls of said fan housing at a lower portion thereof respectively, wherein said fan housing is disposed within said fan cavity while said two slider pegs are slidably inserted into said two sliding tracks respectively in such a manner that when said upper portion of said fan housing is lifted upwardly by said protective cover, said slider pegs are slid along said sliding tracks respectively to retain said lower portion of said fan housing within said fan cavity so as to inclinedly support said ventilating fan in position.

18. The ceiling ventilation arrangement, as recited in claim 17, wherein each of said sliding tracks, having a predetermined length, is indented on said respective sidewall of said fan cavity, wherein each of said sliding tracks has a stopper end arranged in such a manner that when said protective cover is upwardly folded to lift up said fan housing, said slider pegs are stopped at said stopper ends of said sliding tracks respectively to block a sliding movement of said fan housing so as to inclinedly support said ventilating fan in position.

19. The ceiling ventilation arrangement, as recited in claim 15, wherein said supporting frame further comprises a plurality of engaging arms downwardly extended from said base towards said storage compartment for substantially mounting on said top platform, wherein each of said engaging arms has a hooking end extended downwardly to a position within said storage compartment for engaging with a peripheral edge of said ceiling window so as to substantially hold said base on said top platform in position.

20. The ceiling ventilation arrangement, as recited in claim 18, wherein said supporting frame further comprises a plurality of engaging arms downwardly extended from said base towards said storage compartment for substantially mounting on said top platform, wherein each of said engaging arms has a hooking end extended downwardly to a position within said storage compartment for engaging with a peripheral edge of said ceiling window so as to substantially hold said base on said top platform in position.

21. The ceiling ventilation arrangement, as recited in claim 15, wherein said ceiling ventilation arrangement further comprises a handle frame pivotally connected to

said supporting frame, wherein said handle frame, having a U-shaped, has two ends rotatably connected to two outer sides of said base respectively in such a manner that said handle frame is capable of folding upwardly to form as a hand bar and folding downwardly to rest on said top platform.

5 22. The ceiling ventilation arrangement, as recited in claim 18, wherein said ceiling ventilation arrangement further comprises a handle frame pivotally connected to said supporting frame, wherein said handle frame, having a U-shaped, has two ends rotatably connected to two outer sides of said base respectively in such a manner that said handle frame is capable of folding upwardly to form as a hand bar and folding
10 downwardly to rest on said top platform.

 23. The ceiling ventilation arrangement, as recited in claim 20, wherein said ceiling ventilation arrangement further comprises a handle frame pivotally connected to said supporting frame, wherein said handle frame, having a U-shaped, has two ends rotatably connected to two outer sides of said base respectively in such a manner that said
15 handle frame is capable of folding upwardly to form as a hand bar and folding downwardly to rest on said top platform.

 24. The ceiling ventilation arrangement, as recited in claim 15, wherein said ceiling ventilation arrangement further comprises a supplementary connection link adapted for mounting on said top platform at a position in front of said supporting frame,
20 wherein said supplementary connection link comprises at least a computer outlet adapted for communicatively connecting with a connection output of said personal computer.

 25. The ceiling ventilation arrangement, as recited in claim 18, wherein said ceiling ventilation arrangement further comprises a supplementary connection link adapted for mounting on said top platform at a position in front of said supporting frame,
25 wherein said supplementary connection link comprises at least a computer outlet adapted for communicatively connecting with a connection output of said personal computer.

 26. The ceiling ventilation arrangement, as recited in claim 23, wherein said ceiling ventilation arrangement further comprises a supplementary connection link adapted for mounting on said top platform at a position in front of said supporting frame,
30 wherein said supplementary connection link comprises at least a computer outlet adapted for communicatively connecting with a connection output of said personal computer.

27. The ceiling ventilation arrangement, as recited in claim 26, wherein said handle frame forms a boundary cavity when said handle frame is downwardly folded for resting on said top platform, wherein said supplementary connection link is mounted within said boundary cavity such that said supplementary connection link is encircled
5 within said handle frame.